

Project Name: OPTION 1 TRACK
 Description: option 1 track alignment
 Horizontal Alignment Name: NB TRACK
 Description:
 Style: Default

	STATION	NORTHING	EASTING
Element: Linear			
POB ()	2065+00.00	1821155.60	6695173.86
TS ()	2106+38.05	1818205.21	6698075.36
Tangent Direction:	S 44^31'17" E		
Tangent Length:	4138.05		
Element: Cosine			
TS ()	2106+38.05	1818205.21	6698075.36
SPI ()	2120+43.42	1817203.20	6699060.76
SC ()	2126+38.05	1816764.51	6699462.41
Entrance Radius:	0.00		
Exit Radius:	28016.50		
Length:	2000.00		
Angle:	2^02'42" Right		
Constant:	7485.52		
Long Tangent:	1405.36		
Short Tangent:	594.79		
Long Chord:	1999.88		
Xs:	1999.77		
Ys:	21.23		
P:	3.38		
K:	999.98		
Tangent Direction:	S 44^31'17" E		
Radial Direction:	S 45^28'43" W		
Chord Direction:	S 43^54'47" E		
Radial Direction:	S 47^31'26" W		
Tangent Direction:	S 42^28'34" E		
Element: Circular			
SC ()	2126+38.05	1816764.51	6699462.41
PI ()	2137+96.34	1815910.21	6700244.59
CC ()		1797845.41	6678798.63
CS ()	2149+53.31	1814994.25	6700953.57
Radius:	28016.50		
Delta:	4^44'06" Right		
Degree of Curvature(Arc):	0^12'16"		
Length:	2315.25		
Tangent:	1158.29		
Chord:	2314.60		
Middle Ordinate:	23.91		
External:	23.93		
Tangent Direction:	S 42^28'34" E		
Radial Direction:	S 47^31'26" W		
Chord Direction:	S 40^06'32" E		
Radial Direction:	S 52^15'31" W		
Tangent Direction:	S 37^44'29" E		
Element: Cosine			
CS ()	2149+53.31	1814994.25	6700953.57
SPI ()	2155+48.09	1814523.91	6701317.64
ST ()	2169+53.31	1813382.58	6702137.65
Entrance Radius:	28016.50		
Exit Radius:	0.00		
Length:	2000.00		
Angle:	2^02'42" Right		
Constant:	7485.52		
Long Tangent:	1405.36		
Short Tangent:	594.79		
Long Chord:	1999.88		
Xs:	1999.77		
Ys:	21.23		
P:	3.38		
K:	999.98		
Tangent Direction:	S 37^44'29" E		
Radial Direction:	S 52^15'31" W		
Chord Direction:	S 36^18'16" E		
Radial Direction:	S 54^18'13" W		
Tangent Direction:	S 35^41'47" E		
Element: Linear			
ST ()	2169+53.31	1813382.58	6702137.65
TS ()	2280+12.91	1804400.85	6708590.80

Tangent Direction:	S 35^41'47" E		
Tangent Length:	11059.60		

Element: Cosine

TS ()	2280+12.91	1804400.85	6708590.80
SPI ()	2294+18.27	1803259.52	6709410.81
SC ()	2300+12.91	1802764.41	6709740.41
Entrance Radius:	0.00		
Exit Radius:	28016.50		
Length:	2000.00		
Angle:	2^02'42" Right		
Constant:	7485.52		
Long Tangent:	1405.36		
Short Tangent:	594.79		
Long Chord:	1999.88		
Xs:	1999.77		
Ys:	21.23		
P:	3.38		
K:	999.98		
Tangent Direction:	S 35^41'47" E		
Radial Direction:	S 54^18'13" W		
Chord Direction:	S 35^05'17" E		
Radial Direction:	S 56^20'56" W		
Tangent Direction:	S 33^39'04" E		

Element: Circular

SC ()	2300+12.91	1802764.41	6709740.41
PI ()	2347+76.58	1798799.00	6712380.13
CC ()		1787239.46	6686418.74
CS ()	2394+49.99	1794184.00	6713560.91
Radius:	28016.50		
Delta:	19^17'58" Right		
Degree of Curvature(Arc):	0^12'16"		
Length:	9437.08		
Tangent:	4763.67		
Chord:	9392.53		
Middle Ordinate:	396.41		
External:	402.10		
Tangent Direction:	S 33^39'04" E		
Radial Direction:	S 56^20'56" W		
Chord Direction:	S 24^00'05" E		
Radial Direction:	S 75^38'54" W		
Tangent Direction:	S 14^21'06" E		

Element: Cosine

CS ()	2394+49.99	1794184.00	6713560.91
SPI ()	2400+44.78	1793607.77	6713708.34
ST ()	2414+49.99	1792234.71	6714007.89
Entrance Radius:	28016.50		
Exit Radius:	0.00		
Length:	2000.00		
Angle:	2^02'42" Right		
Constant:	7485.52		
Long Tangent:	1405.36		
Short Tangent:	594.79		
Long Chord:	1999.88		
Xs:	1999.77		
Ys:	21.23		
P:	3.38		
K:	999.98		
Tangent Direction:	S 14^21'06" E		
Radial Direction:	S 75^38'54" W		
Chord Direction:	S 12^54'53" E		
Radial Direction:	S 77^41'36" W		
Tangent Direction:	S 12^18'24" E		

Element: Linear

ST ()	2414+49.99	1792234.71	6714007.89
TS ()	2458+08.11	1787976.74	6714936.79
Tangent Direction:	S 12^18'24" E		
Tangent Length:	4358.12		

Element: Cosine

TS ()	2458+08.11	1787976.74	6714936.79
SPI ()	2472+13.47	1786603.67	6715236.33
SC ()	2478+08.11	1786027.45	6715383.78
Entrance Radius:	0.00		
Exit Radius:	28000.00		
Length:	2000.00		

Angle:	2^02'47"	Left		
Constant:	7483.31			
Long Tangent:	1405.36			
Short Tangent:	594.79			
Long Chord:	1999.88			
Xs:	1999.77			
Ys:	21.24			
P:	3.38			
K:	999.98			
Tangent Direction:	S 12^18'24"	E		
Radial Direction:	S 77^41'36"	W		
Chord Direction:	S 12^54'54"	E		
Radial Direction:	S 75^38'50"	W		
Tangent Direction:	S 14^21'10"	E		

Element: Circular

SC ()	2478+08.11	1786027.45	6715383.78
PI ()	2509+94.46	1782940.55	6716173.65
CC ()		1792968.47	6742509.82
CS ()	2541+53.51	1780110.06	6717636.92
Radius:	28000.00		
Delta:	12^59'04"	Left	
Degree of Curvature(Arc):	0^12'17"		
Length:	6345.40		
Tangent:	3186.35		
Chord:	6331.83		
Middle Ordinate:	179.56		
External:	180.72		
Tangent Direction:	S 14^21'10"	E	
Radial Direction:	S 75^38'50"	W	
Chord Direction:	S 20^50'42"	E	
Radial Direction:	S 62^39'45"	W	
Tangent Direction:	S 27^20'15"	E	

Element: Cosine

CS ()	2541+53.51	1780110.06	6717636.92
SPI ()	2547+48.30	1779581.70	6717910.06
ST ()	2561+53.51	1778357.13	6718599.61
Entrance Radius:	28000.00		
Exit Radius:	0.00		
Length:	2000.00		
Angle:	2^02'47"	Left	
Constant:	7483.31		
Long Tangent:	1405.36		
Short Tangent:	594.79		
Long Chord:	1999.88		
Xs:	1999.77		
Ys:	21.24		
P:	3.38		
K:	999.98		
Tangent Direction:	S 27^20'15"	E	
Radial Direction:	S 62^39'45"	W	
Chord Direction:	S 28^46'31"	E	
Radial Direction:	S 60^36'59"	W	
Tangent Direction:	S 29^23'01"	E	

Element: Linear

ST ()	2561+53.51	1778357.13	6718599.61
TS ()	2599+14.34	1775080.12	6720444.87
Tangent Direction:	S 29^23'01"	E	
Tangent Length:	3760.82		

Element: Cosine

TS ()	2599+14.34	1775080.12	6720444.87
SPI ()	2613+19.70	1773855.56	6721134.42
SC ()	2619+14.34	1773348.04	6721444.58
Entrance Radius:	0.00		
Exit Radius:	28000.00		
Length:	2000.00		
Angle:	2^02'47"	Left	
Constant:	7483.31		
Long Tangent:	1405.36		
Short Tangent:	594.79		
Long Chord:	1999.88		
Xs:	1999.77		
Ys:	21.24		
P:	3.38		
K:	999.98		
Tangent Direction:	S 29^23'01"	E	

Radial Direction:	S 60^36'59" W
Chord Direction:	S 29^59'32" E
Radial Direction:	S 58^34'12" W
Tangent Direction:	S 31^25'48" E

Element: Circular

SC ()	2619+14.34	1773348.04	6721444.58
PI ()	2665+57.56	1769386.08	6723865.81
CC ()		1787948.78	6745336.38
CS ()	2711+17.03	1766417.72	6727436.29
Radius:	28000.00		
Delta:	18^49'53" Left		
Degree of Curvature(Arc):	0^12'17"		
Length:	9202.70		
Tangent:	4643.22		
Chord:	9161.33		
Middle Ordinate:	377.23		
External:	382.38		
Tangent Direction:	S 31^25'48" E		
Radial Direction:	S 58^34'12" W		
Chord Direction:	S 40^50'44" E		
Radial Direction:	S 39^44'20" W		
Tangent Direction:	S 50^15'40" E		

Element: Cosine

CS ()	2711+17.03	1766417.72	6727436.29
SPI ()	2717+11.82	1766037.48	6727893.66
ST ()	2731+17.03	1765178.20	6729005.73
Entrance Radius:	28000.00		
Exit Radius:	0.00		
Length:	2000.00		
Angle:	2^02'47" Left		
Constant:	7483.31		
Long Tangent:	1405.36		
Short Tangent:	594.79		
Long Chord:	1999.88		
Xs:	1999.77		
Ys:	21.24		
P:	3.38		
K:	999.98		
Tangent Direction:	S 50^15'40" E		
Radial Direction:	S 39^44'20" W		
Chord Direction:	S 51^41'56" E		
Radial Direction:	S 37^41'33" W		
Tangent Direction:	S 52^18'27" E		

Element: Linear

ST ()	2731+17.03	1765178.20	6729005.73
POE ()	2740+04.62	1764635.51	6729708.08
Tangent Direction:	S 52^18'27" E		
Tangent Length:	887.58		